

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US2004/000630

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C12Q1/68 C12N15/10 C12P1/00 C07B61/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12Q C12N C12P C07B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BIOSIS, MEDLINE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 03/025567 A (BERNARD, ANDRE; DUEBEL, STEFAN) 27 March 2003 (2003-03-27) figures 1,2	63-68
A	-----	1-62
X	WO 02/103008 A (NUEVOLUTION A/S; PEDERSEN, HENRIK; GOUILAEV, ALEX, HAAHR; SAMS, KLARNE) 27 December 2002 (2002-12-27) figures 3-6	63-68
A	-----	1-62
X	WO 00/32823 A (PHYLOS, INC) 8 June 2000 (2000-06-08) page 1 – page 21; figures 1-20	63-68
A	-----	1-62
X	WO 02/083951 A (NORTHEASTERN UNIVERSITY; GIESE, ROGER, W) 24 October 2002 (2002-10-24) figures 2,3	63-68
A	-----	1-62
		-/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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Date of the actual completion of the international search

4 February 2005

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Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL – 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Botz, J

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 00/23458 A1 (THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY) 27 April 2000 (2000-04-27) the whole document -----	1-68
A	WO 01/53539 A (PHYLOS, INC) 26 July 2001 (2001-07-26) the whole document -----	1-68

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/DK2004/000630

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
WO 03025567	A	27-03-2003	DE	10145226 A1		10-04-2003
			WO	03025567 A2		27-03-2003
			DE	10294286 D2		23-12-2004
WO 02103008	A	27-12-2002	CA	2451524 A1		27-12-2002
			WO	02103008 A2		27-12-2002
			WO	02102820 A1		27-12-2002
			EP	1402024 A2		31-03-2004
			EP	1401850 A1		31-03-2004
			JP	2004535193 T		25-11-2004
			US	2003143561 A1		31-07-2003
			US	2004049008 A1		11-03-2004
			WO	03078625 A2		25-09-2003
			WO	03078445 A2		25-09-2003
			WO	03078626 A2		25-09-2003
			WO	03078050 A2		25-09-2003
			WO	03078446 A2		25-09-2003
			WO	03078627 A2		25-09-2003
			EP	1487978 A2		22-12-2004
			EP	1487848 A2		22-12-2004
			EP	1487849 A2		22-12-2004
			EP	1487850 A2		22-12-2004
			EP	1487851 A2		22-12-2004
			EP	1490384 A2		29-12-2004
WO 0032823	A	08-06-2000	AU	775997 B2		19-08-2004
			AU	2350900 A		19-06-2000
			CA	2350417 A1		08-06-2000
			EP	1137812 A1		04-10-2001
			JP	2002531105 T		24-09-2002
			NO	20012735 A		23-07-2001
			NZ	511699 A		28-02-2003
			WO	0032823 A1		08-06-2000
			US	2002177158 A1		28-11-2002
			US	6416950 B1		09-07-2002
WO 02083951	A	24-10-2002	WO	02083951 A1		24-10-2002
WO 0023458	A1	27-04-2000	AU	1318400 A		08-05-2000
			CA	2346989 A1		27-04-2000
			EP	1123305 A1		16-08-2001
WO 0153539	A	26-07-2001	AU	2927901 A		31-07-2001
			CA	2396810 A1		26-07-2001
			EP	1250463 A1		23-10-2002
			JP	2003520050 T		02-07-2003
			WO	0153539 A1		26-07-2001
			US	2003032049 A1		13-02-2003
			US	2001024784 A1		27-09-2001